



PCT

RAW SEQUENCE LISTING

DATE: 09/14/2004

PATENT APPLICATION: US/10/506,794

TIME: 11:24:48

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\09142004\J506794.raw

3 <110> APPLICANT: Duncan John MASKELL
 4 Ian George CHARLES
 5 Andy ALLEN
 6 Paul OWEN
 8 <120> TITLE OF INVENTION: TRANSPOSON
 10 <130> FILE REFERENCE: 117-522 / N.84806B
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/506,794
 13 <141> CURRENT FILING DATE: 2004-09-07
 15 <150> PRIOR APPLICATION NUMBER: PCT/GB03/00918
 16 <151> PRIOR FILING DATE: 2003-03-05
 18 <150> PRIOR APPLICATION NUMBER: GB 0222378.2
 19 <151> PRIOR FILING DATE: 2002-09-26
 21 <150> PRIOR APPLICATION NUMBER: GB 0205143.1
 22 <151> PRIOR FILING DATE: 2002-03-05
 24 <160> NUMBER OF SEQ ID NOS: 18
 26 <170> SOFTWARE: MS Word
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 2044
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Transposon
 36 <400> SEQUENCE: 1

37	ctgtctctta	tacacatctc	ttctatagtg	tcacctaaat	agggataaca	gggtaaatgaa	60
38	ttcgtaata	cagatgtagg	tggtccacag	ggtagccagc	agcatcctgc	gatgcagatc	120
39	cggatgccat	ttcattacct	ctttctccgc	acccgacata	gatccgaaga	tcagcagttc	180
40	aacctgttga	tagtacgtac	taagctctca	tgtttcacgt	actaagctct	catgtttaac	240
41	gtactaagct	ctcatgttta	acgaactaaa	ccctcatggc	taacgtacta	agctctcatg	300
42	gctaacgtac	taagctctca	tgtttcacgt	actaagctct	catgtttgaa	caataaaatt	360
43	aatataaatc	agcaacttaa	atagcctcta	aggttttaag	ttttataaga	aaaaaaagaa	420
44	tatataaggc	ttttaaaagt	tttaagggtt	aacggttgtg	gacaacaagc	cagggatctg	480
45	ccatttcatt	acctctttct	ccgcacccga	catagatccg	gaacataatg	gtgcagggcg	540
46	ctgacttccg	cgtttccaga	ctttacgaaa	cacggaaacc	gaagaccatt	catgttggtg	600
47	ctcaggtcgc	agacgttttg	cagcagcagt	cgcttcacgt	tcgctcgcgt	atcggtgatt	660
48	cattctgcta	accagtaagg	caaccccgcc	agcctagccg	ggctctcaac	gacaggagca	720
49	cgatcatgcg	caccgcgtgg	caggacccaa	cgtgcgccga	gatgcgccgc	gtgcggctgc	780
50	tggagatggc	ggacgcgatg	gatatgttct	gccaagggtt	ggtttgcgca	ttcacagggt	840
51	gtctcaaaat	ctctgatgtt	acattgcaca	agataaaaaat	atatcatcat	gaacaataaa	900
52	actgtctgct	tacataaaca	gtaatacaag	gggtgttatg	agccatattc	aacgggaaac	960
53	gtcttgctcg	aggccgcgat	taaattccaa	catggatgct	gatttatatg	ggtataaatg	1020
54	ggctcgcgat	aatgtcgggc	aatcaggtgc	gacaatctat	cgattgtatg	ggaagcccga	1080
55	tgcgccagag	ttgtttctga	aacatggcaa	aggtagcggt	gccaatgatg	ttacagatga	1140
56	gatggtcaga	ctaaactggc	tgacggaatt	tatgcctctt	ccgaccatca	agcattttat	1200

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57 ccgtactcct gatgatgcac gggtactcac cactgcgac cccggaaaaa cagcattcca 1260
58 ggtattagaa gaatatcctg attcaggtga aaatattgtt gatgcgctgg cagtgttcct 1320
59 gcgcgggttg cattcgattc ctgtttgtaa ttgtcctttt aacagcgatc gcgtatttcg 1380
60 tctcgctcag gcgcaatcac gaatgaataa cggtttggtt gatgcgagtg attttgatga 1440
61 cgagcgtaat ggctggcctg ttgaacaagt ctggaaagaa atgcataaac ttttgccatt 1500
62 ctcaccggat tcagtcgtca ctcatggtga tttctcactt gataacctta tttttgacga 1560
63 ggggaaatta ataggttgta ttgatgttg acgagtcgga atcgagacc gataccagga 1620
64 tcttgccatc ctatggaact gcctcggtga gttttctcct tcattacaga aacggctttt 1680
65 tcaaaaatat ggtattgata atcctgatat gaataaattg cagtttcatt tgatgctcga 1740
66 tgagtttttc taatcagaat tggtaattg gttgtaacac tggcagagca ttacgctgac 1800
67 ttgacgggac ggcggctttg ttgaataaat cgaactttt ctgagttgaa ggatcagatc 1860
68 acgcattctt ccgacaacgc agaccgttcc gtggcaaagc aaaagttcaa aatcaccaac 1920
69 tgggtccacct acaacaaagc tctcatcaac cgtggcgggg atcctctaga gtcgactggc 1980
70 aaacagctat tatgggtatt atgggtaata cgactcacta tagggagatg tgtataagag 2040
71 acag 2044

74 <210> SEQ ID NO: 2
75 <211> LENGTH: 85
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Oligonucleotide
82 <400> SEQUENCE: 2
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84 gctgtttgcc agtcgactct agagg 85
87 <210> SEQ ID NO: 3
88 <211> LENGTH: 80
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Oligonucleotide
95 <400> SEQUENCE: 3
96 cagctgtctc ttatacacat ctcttctata gtgtcaccta aatagggata acagggtaat 60
97 gaattcggtta atacagatgt 80
100 <210> SEQ ID NO: 4
101 <211> LENGTH: 24
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Oligonucleotide
108 <400> SEQUENCE: 4
109 ctaccctgtg gaacacctac atct 24
112 <210> SEQ ID NO: 5
113 <211> LENGTH: 24
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Oligonucleotide
120 <400> SEQUENCE: 5
121 attacctctt tctccgacc cgac 24

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124 <210> SEQ ID NO: 6
125 <211> LENGTH: 24
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Oligonucleotide
132 <400> SEQUENCE: 6
133 cgacatagat ccggaacata atgg                24
136 <210> SEQ ID NO: 7
137 <211> LENGTH: 25
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Oligonucleotide
144 <400> SEQUENCE: 7
145 acctacaaca aagctctcat caacc                25
148 <210> SEQ ID NO: 8
149 <211> LENGTH: 24
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Oligonucleotide
156 <400> SEQUENCE: 8
157 acaacctatt aatttcccct cgtc                24
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 24
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Oligonucleotide
168 <400> SEQUENCE: 9
169 atgttggaat ttaatcgcgg cctc                24
172 <210> SEQ ID NO: 10
173 <211> LENGTH: 39
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Oligonucleotide
180 <400> SEQUENCE: 10
181 gacgacctca gttacggtac gatcggccac gtagcttat    39
184 <210> SEQ ID NO: 11
185 <211> LENGTH: 35
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Oligonucleotide
192 <400> SEQUENCE: 11
193 gctacgtggc cgatcgtagc gtaactgagg tcgtc        35
196 <210> SEQ ID NO: 12

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197 <211> LENGTH: 41
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Oligonucleotide
204 <400> SEQUENCE: 12
205 taacagggttg gctgataagt ccccggtctc cctatagtga g          41
208 <210> SEQ ID NO: 13
209 <211> LENGTH: 42
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Oligonucleotide
216 <400> SEQUENCE: 13
217 taacagggttg gctgataagt ccccggtctc ttctatagtg tc          42
220 <210> SEQ ID NO: 14
221 <211> LENGTH: 25
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Oligonucleotide
228 <400> SEQUENCE: 14
229 gatatcgaag caaacttaag agtgt          25
232 <210> SEQ ID NO: 15
233 <211> LENGTH: 25
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Oligonucleotide
240 <400> SEQUENCE: 15
241 gatatctaca aaagcgactc ataga          25
244 <210> SEQ ID NO: 16
245 <211> LENGTH: 25
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Oligonucleotide
252 <400> SEQUENCE: 16
253 aagatactgc actatcaaca cactc          25
256 <210> SEQ ID NO: 17
257 <211> LENGTH: 25
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Oligonucleotide
264 <400> SEQUENCE: 17
265 attaagaagg agtgattaca tgaac          25
268 <210> SEQ ID NO: 18
269 <211> LENGTH: 25

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270 <212> TYPE: DNA

271 <213> ORGANISM: Artificial Sequence

273 <220> FEATURE:

274 <223> OTHER INFORMATION: Oligonucleotide

276 <400> SEQUENCE: 18

277 tagccagttt cgtcgttaaa tgccc

25

VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number